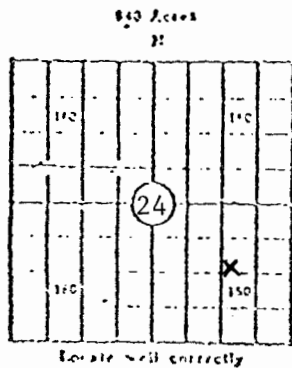


WELL RECORD

Dual Completion

24-33-43W

il to Kansas Geological Survey, 4150 Monroe Street, Wichita, Kansas 67209



Lease Name: Posey A Well No. 2
 Well Located: 1322' ESL 1300' FEL
SEC 24 TWP 33 RGE 43W
 Operator: Cities Service Company
 Address: 3545 N.W. 58th, OKC, OK 73112
 Elevation: Ground 3568' D.F. 3577' K.B. 3579'
 Type Well: (Oil, gas, dry hole) Dual Gas

Drilling Commenced: 12-15- 19 78 Drilling Completed: 12-29- 19 78
 Well Completed: 2-6- 19 79 Total Depth
 Initial Production: CAOF 1864 MCFPD Marmaton
CAOF 10346 MCFPD Morrow L

Casing Record

Size: 8-5/8" Set at 1361' Size: Set at
 Size: 5-1/2" Set at 5013' Size: Set at

Liner Record

Size: Set from To

Cementing

Casing
Size

Sacks

Type Cement
and Additives

700 sx 50/50 Pozmix w/2% Gel, $\frac{1}{2}$ # Flocele, $\frac{1}{2}$ # Flocele & 2% CaCl; 100 sx 60/40
 8-5/8 Pozmix w/3% CaCl & $\frac{1}{4}$ # Flocele.

200 sx 50/50 Pozmix w/10% Salt, 2% Gel, .08% CFR-2, $\frac{1}{4}$ # Flocele. DV Tool
 5-1/2 at 3766', 200 sx 50/50 Pozmix w/10% Salt, 2% Gel & .08% CFR-2.

Top Cement first stage at 3766'

Top Cement second stage 2564'

Perforations

Formation

Perforated Interval and Number Shots

Marmaton

3592' - 3602' w/20 shots

Morrow L

4465' - 4471' w/24 shots

Electric Log Run. (Show type log and depths covered)

Logging: Schlumberger Dual Induction Laterolog, Compensated Neutron Formation Density
 w/Gamma Ray & Caliper, Borehole Compensated Integrated Sonic. Cement Bond & Collar
 Correlation Log.

(Fill in formation and related information on reverse side)

FORMATION, TESTING AND COMPLETION RECORD

24-33-43w

Show Drill Stem Tests,
Well Stimulation and
Production Tests

Formation	Top	Bottom	
Sand & Red Bed	0	1407	Acidize Marmaton 3592' - 3602' w/1000 gals. 15% HCl Acid.
Anhydrite & Shale	1407	2165	
Dolomite & Shale	2165	2400	
Lime & Shale	2400	2740	No treatment on Morrow L 4465' - 4471'.
Shale & Lime	2740	2910	
Shale & Shale	2910	3180	
Shale & Lime	3180	3540	
Lime & Shale	3540	5014	
Total Depth		5014	
PB.		4956	